Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

Ministry of Northern Affairs

Hon. Leo Bernier
Minister

David Hobbs
Deputy Minister

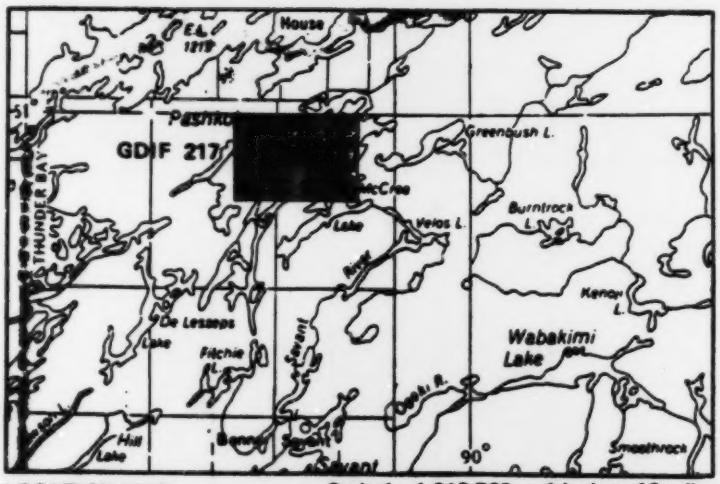
ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 217

PASHKOKOGAN LAKE AREA

DISTRICT OF THUNDER BAY

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-0821

NTS Number 52 J/16 NW

Mining Claim Map Number M-2437

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Pashkokogan Lake Area, District of Thunder Bay; Ontario Geological Survey, Geological Data Inventory Folio 217, compiled by the staff of the Resident Geologist's Office, Sioux Lookout, 18p. and 2 maps.

Original Compilation by: G. Sjonger, J. W. Redden, M. Sawtelle 1984, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

PASHKOKOGAN LAKE

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4
Drill Hole Summary 6
Airborne Geophysical Survey Data 8
Geochemical Survey Data 9
Miscellaneous Data 10
Newspaper Clipping File 11
ODM General Index Search 12
Selected References 14
Notes and Addenda 18

ACCOMPANYING MAPS

Property Location Map - 1 Map
Exploration Data Map - 1 Map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	JWR
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 Volumes	Yes	GS
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	JWR
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	GS
6	ODM Industrial Mineral Reports	No	GS
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)		
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)		
9	Newspaper Clippings File	No	JWR
10	GSC Index to Publications	No	GS
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	GS
12	OGS Index Maps	Yes	GS
13	Source Mineral Deposit Records (O.G.S.)	No	GS
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	Yes	GS
16	ODM Geological Circulars: OGS Study Series	No	GS
17	ODM Preliminary Reports: ODM Bulletins	Yes	GS
18	ODM – OGS Open File Reports	Yes	GS
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	GS
20	OGS Aggregate Resources Inventory Papers	No	GS
21	OGS Mineral Potential Maps	Yes	GS
22	Aerial Photographs	Yes	JWR

METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . Anhydrite
- Δ ank. . . . . Ankerite
- Δ anna. . . . . Annabergite
- Δ ap. . . . . Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . Arsenic
- Δ asp . . . . . Arsenopyrite
- Δ asb . . . . . Asbestos
- Δ ba. . . . . Barite
- Δ be. . . . . Beryl
- Δ Bi. . . . . Bismuth
- Δ bn . . . . . Bornite
- Δ bran . . . . . Brannerite
- Δ bruc . . . . . Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . Carbonate
- Δ cel . . . . . Celestite
- Δ cc. . . . . Chalcocite
- Δ cp. . . . . Chalcopyrite
- Δ ch. . . . . Chert
- Δ clay . . . . . Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . Columbite
- Δ Cu . . . . . Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . Feldspar
- Δ fl . . . . . Fluorite (flurospar)
- Δ fu. . . . . Fuchsite
- Δ gn. . . . . Galena
- Δ gt. . . . . Garnet
- Δ goe. . . . . Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . Ilmenite
- Δ Fe . . . . . Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . Magnesite
- Δ mag . . . . . Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb. . . . . Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . Niobium
- Δ Pd . . . . . Palladium
- Δ peat . . . . . Peat
- Δ pent . . . . . Pentlandite
- Δ Pt. . . . . Platinum
- Δ py . . . . . Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . Pyrolusite
- Δ po . . . . . Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv . . . . Quartz carbonate vein
- Δ ra. . . . . Radioactive minerals
- Δ RE . . . . . Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . Silica
- Δ Ag . . . . . Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . Smaltite
- Δ sod. . . . . Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . Sphalerite
- Δ spd. . . . . Spodumene
- Δ staur . . . . . Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . Stone
- Δ talc. . . . . Talc
- Δ Te . . . . . Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . Thorite
- Δ Th . . . . . Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . Tourmaline
- Δ trap . . . . . Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . Uranium
- Δ verm . . . . . Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . Zinc
- Δ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
No Data Jan/85				

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
A	Selco Exploration C.L. 52 J/16 NW-0010-A1				71															
B	Inco L. Canadian Nickel C.L. 52 J/16 NW-0010-B1				71															
C	Hanna M.C. 52 J/16 NW-0011				73															
D	Hanna M.C. 52 J/16 NW-0012				73															
E	Selco Exploration C.L. 52 J/16 NW-0013-A1											71	71							
F	Hanna M.C. 52 J/16 NW-0013-B1	72							72											
G	Selco Exploration C.L. 52 J/16 NW-0014-C1											70	70							
H	Selco Exploration C.L. 52 J/16 NW-0014-A1											70	70							
I	Selco Exploration C.L. 52 J/16 NW-0014-B1											70	70							

GDIF FORM NO. 7

PASHKOKOGAN LAKE

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
J	Selco Exploration C.L. 52 J/16 NW-0015											71	71?							

GDIF FORM NO. 7

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden in feet	Total Length of Hole in feet	Mineralization Noted in Log	Assay Data Included for
1	Selco Exploration C.L.	257-7	Jun/71	360	-50	24.5	321	py,cp	--
2	Inco L.	49235-0	Aug/71	360	-45	7	148	py,po,cp,gf	--
3		49236-0	Aug/71	180	-45	5	192	py,po	--
4	Hanna M.C.	73-4	Feb/73	South	-42.5	11	502	py,po,gf	--
5		73-5	Feb/73	South	-44.5	26	342	py,mag,cp,po, gf,ep	Cu,Zn,Au
6		73-6	Feb/73	South	-43.5	31	211	gf,po,py	--
7		73-7	Feb/73	South	-43.5	31	442	po,py,gf	Cu,Zn,Au
8		73-8	Feb/73	South	-49.5	32 (plus 20'water)	277	po,py,mag	Cu,Zn,Au
9		73-9	Mar/73	South	-45.5	73 (plus 10'water)	207	po,py,gf,mag	Cu,Zn,Au
10		73-10	Mar/73	South	-44	4.7	200	po,py,mag	Cu,Zn,Au
11		73-11	Mar/73	South	-43	50 (plus 2' water)	227	py,po,gf	Cu,Zn,Au
12		73-12	Mar/73	South	-45	40	252	py,po,mag	Cu,Zn,Au
13		73-13	Mar/73	South	-45	107	107	--	--
		73-13A	Mar/73	South	-55	102	256	py,po,mag	Cu,Zn,Au
14		73-14	Mar/73	South	-41	81	142	po,py,mag	Cu,Zn,Au

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name PASHKOKOGAN LAKE	Company Drill Hole Number	Date Drilled Completed	Bearing Azimuth degrees	Initial Dip of Hole degrees	Length of Overburden in feet	Length of Hole in feet	Mineralization Noted in Log	Assay Data Included for
15	Hanna M.C.	73-15	Mar/73	South	-52	53*	193.	po,py,mag	Cu,Zn,Au
16		73-16	Mar/73	South	-42	18	176	po,py,gf	Cu,Zn,Au
17		73-17	Mar/73	South	-45	82	175	po,py	Cu,Zn,Au
18		73-18	Mar/73	South	-43	3	260	py,po,gf	Cu,Zn,Au
19		73-19	Mar/73	South	-44	86	196	py,po	Cu,Zn,Au
	*Note (plus 10' water)								

GDH FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
All	By: Spartan Air Services L. For: ODM-GSC	Airborne Magnetometer Map 921G 1"=1 mile Map 7122G 1"=1 mile	500'	N-S	1/2 mile
F	By: Spartan Aero L. For: Hanna Mining Company	Airborne Magnetometer	150'	N-30°W	1000'

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No Data Jan/85			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No Data Jan/85			

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sioux Lookout

No Data Jan/85

ODM GENERAL INDEX SEARCH

Words searched: Pashkokogan (Lake)

Index Volume	Listing:	Report Volume	Part	Page
3	Pashkokogan-Misehkow Area, Thunder Bay District Report on by W.S. Dyer.	42	6	1-17
7	Pashkokogan Lake, Thunder Bay District			
	Granitic Stocks	GR42		34
	Iron Formation			14,20
	Rocks			7,13, 21,29 33
	Pashkokogan Lake Area, Kenora and Thunder Bay Districts, Report on Geology by A.M. Goodwin	GR42		
8	Pashkokogan Lake-Misehkow River Metavol/Sed Belt			
	Pashkokogan Lake Area, Thunder Bay Dist.	MP 56		45,46
9	Pashkokogan Lake, Lake St. Joseph Area, Thunder Bay District	MP 72		5,24,38

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

PASHKOKOGAN LAKE

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Bruce, E.L.	1922	Eastern Part of Lake St. Joseph, Thunder Bay and Patricia Districts, Ontario	ODM Annual Report 0031-08 Map 31f	p.33-38 1"=2 miles
Davies, J.C. Pryslak, A.P.	1966	Savant/Caribou Lakes Sheet	ODM Map P.352 PRECAM	1"=2 miles
Davies, J.C.	1968	Annual Report of Resident Geologists Section, Geological Branch, Part 1, Kenora, Ontario	ODM MP16 Toronto	p.1-20
Emslie, R.F. Holman, R.H.C.	1966	The Copper Content of Canadian Shield Rocks, Red Lake, Landsdowne House, Northwestern Ontario	GSC Bulletin 130	
Gibson, S.J.	1972	Annual Report of Resident Geologists Section, Geological Branch 1971	ODM MP50 Toronto	p.1-36
Goodwin, A.M.	1962	Geology of Pashkokogan Lake, Eastern Lake St. Joseph Area, Thunder Bay District, Ont.	ODM Preliminary Report 1962-5	
Goodwin, A.M.	1965	Geology of Pashkokogan Lake, Eastern Lake St. Joseph Area, Districts of Thunder Bay and Kenora, Ontario	ODM Geological Report 42, Maps 2094,2095,2096	2"=1 mile
Guillet, G.R.	1971	Annual Report of Resident Geologists Section, Geological Branch, 1970	ODMNA MP46 Toronto	p.1-23
King, H.L.	1969	Annual Report of Resident Geologists Section, Geological Branch 1968, Part 1, Kenora, Ontario	ODM MP23 Toronto	p.17-31
King, H.L.	1970	Annual Report of Resident Geologists Section, Geol. Branch 1969, Pt. 1, Kenora	ODM MP33 Toronto	p.27-48

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Kustra, C.R.	1975	Annual Report of Resident Geologists Section, Geological Barnch, 1973	ODM MP57 Toronto	p.1-24
Kustra, C.R.	1976	Annual Report of the Regional and Resident Geologists	ODM MP64 Toronto	p.29-38
Kustra, C.R.	1977	Annual Report of the Regional and Resident Geologists, 1976	ODM MP71 Toronto	p.29-37
Kustra, C.R.	1978	Annual Report of the Regional and Resident Geologists, 1977	OGS MP78 Toronto	p.28-36
Kustra, C.R.	1979	Annual Report of the Regional and Resident Geologists, 1978	OGS MP84 Toronto	p.24-35
Kustra, C.R.	1980	Annual Report of the Regional and Resident Geologists, 1979	OGS MP91 Toronto	p.23-37
Kustra, C.R.	1981	Annual Report of the Regional and Resident Geologists, 1980	OGS MP95 Toronto	p.30-42
Kustra, C.R.	1982	Annual Report of the Regional and Resident Geologists, 1981	OGS MP101 Toronto	p.27-38
Kustra, C.R.	1983	Report of Activities, Regional and Resident Geologists, 1982	OGS MP107 Toronto	p.31-46
Meyn, H.D. Robertson, J.A.	1975	Iron Deposits of Ontario, West Central Sheet	P.1041 MINDEP	1:1 013 760
Milne, V.G. Hewitt, D.F. Wolfe, W.J.	1973	Summary of Field Work, 1973 by the Geological Branch	ODM MP56 Toronto	p.38-70

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Neilson, J.N. Bray, R.C.E.	1981	Feasibility of Small Scale Gold Mining in Northwestern Ontario, NTS 52, Kenora, Rainy River and Thunder Bay Districts (two volumes)	OGS Open File Report 5332 Toronto	
ODM-GSC	1965	Red Lake Area, Ontario 1956-60, Aeromagnetic Survey Composite Map	ODM Map P.280 GEOPH	1"=16 miles
ODM-GSC	1976	Airborne Gamma Ray Spectrometry Survey	ODM Maps P.1112 to P.1146	1:250 000
OMNR		Area of Pashkokogan Lake Claims Map	MNR Plan M-2437	1"=40 chains
Pye, E.G.	1973	Annual Report of Resident Geologists Section, Geological Branch, 1972	ODM MP54 Toronto	p.1-28
Pye, E.G.	1975	Annual Report of Regional and Resident Geologists, 1974	ODM MP60 Toronto	p.43-58
Robertson, J.A. Milne, V.G. Hewitt, D.F. Card, K.D.	1975	Summary of Field Work, 1975 by the Geological Branch	ODM MP63 Toronto	p.138-140
Robertson, J.A., et al.	1976	Mineral Potential Map of Ontario, West Central Sheet	P.1098 MINDEP	1:1 013 760
Sage, R.P., et al.	1974	Operation Ignace-Armstrong, Caribou Lakes/ Pashkokogan Lake Sheet	ODM Map P.962 PRECAM	1"=2 miles
Shklanka, R.	1968	Iron Deposits of Ontario	ODM Mineral Resources Circular #11	p.453-455

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Speed, A.A.	1980	Pashkokogan Lake Area	OGS P.2107 Preliminary Data Series	1:15 840
Springer, J.S. Robertson, J.A. Vos, M.A.	1982	Mineral Potential Map of Ontario, West Central Sheet, NTS 41/NW, 42/W, 43/SW, 52, 53/SE	OGS Open File Report 5326 Toronto	1"=16 miles
Springer, J.S.	1978	Ontario Mineral Potential, Sioux Lookout Sheet	P.1537 MINDEP	1:250 000
Vos, M.A. Abolins, T. McKnight, R.L.W. Smith, V.	1983	Industrial Minerals of Northern Ontario, Parts 1 and 2	OGS Open File Report 5386 Toronto	
Vos, M.A., et al.	1982	Industrail Minerals of Northern Ontario, Supplement 1, NTS 52 & 53	OGS Open File Report 5388 Toronto	

GDIF FORM NO.9

NOTES AND ADDENDA

Aerial Photographs

1"=1 mile

LINE	PHOTO
A13902	117, 118, 119
A13909	155, 156
A15667	17

1"=1/4 mile (flown 1975)

ROLL	LINE	PHOTO
130	5036	85-95
46	5037	15-27
82	5038	38-50
123	5039	176-189
130	5040	36-40
128	5040	40-50
123	5041	110-122

GDIF FORM NO.30

90°30'00"

51°00'00"

Thelma Lake

½ mile C.N.A. REZ. ½ mile

E

Pashkokogan Lake

F

B

I

A

Pashkoko

Lake

D

D

D

D

D

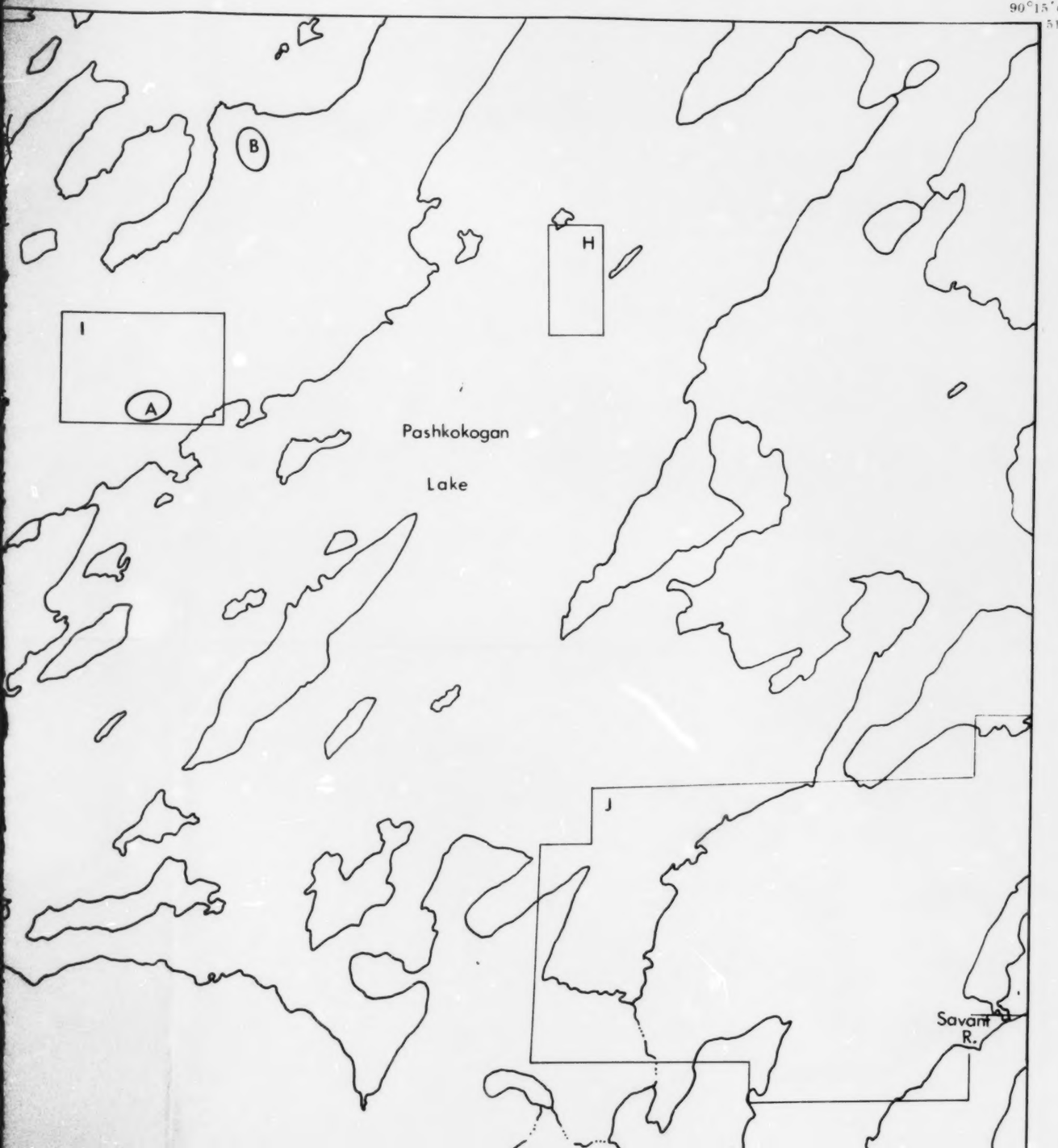
Medcolf Lake

C

G

F

F



Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

Ministry of Northern Affairs

Hon. Leo Bernier
Minister

David Hobbs
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 217

(Map **1** of **2**)

PASHKOKOGAN LAKE AREA

DISTRICT OF THUNDER

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

C

D

D

D

G

F

F

599

1/2 Mile C.N.R.

RES. 1/2 Mile

Hamilton Lake

50° 52' 30"

90° 30' 00"

J

Savant R.

Mc Crea Lake

50°52'30"
90°15'00

EXPLORATION DATA FILE AREAS

⊠ ① ⑥ Reference "letter" is always inside work area outlined. See listing in text pages.

□ x ④ Small area of exploration.

□ Large area of exploration.

90° 30′

51° 00′

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly

Thelma

Lake

Lake

Pashkokogan

Lake

Payne

Medcalf L.

595

90° 15'

51° 00'

Pashkokogan Lake

Pashkokogan Lake

Pashkokogan Lake

East Pashkokogan Lake

Savant

Ontario

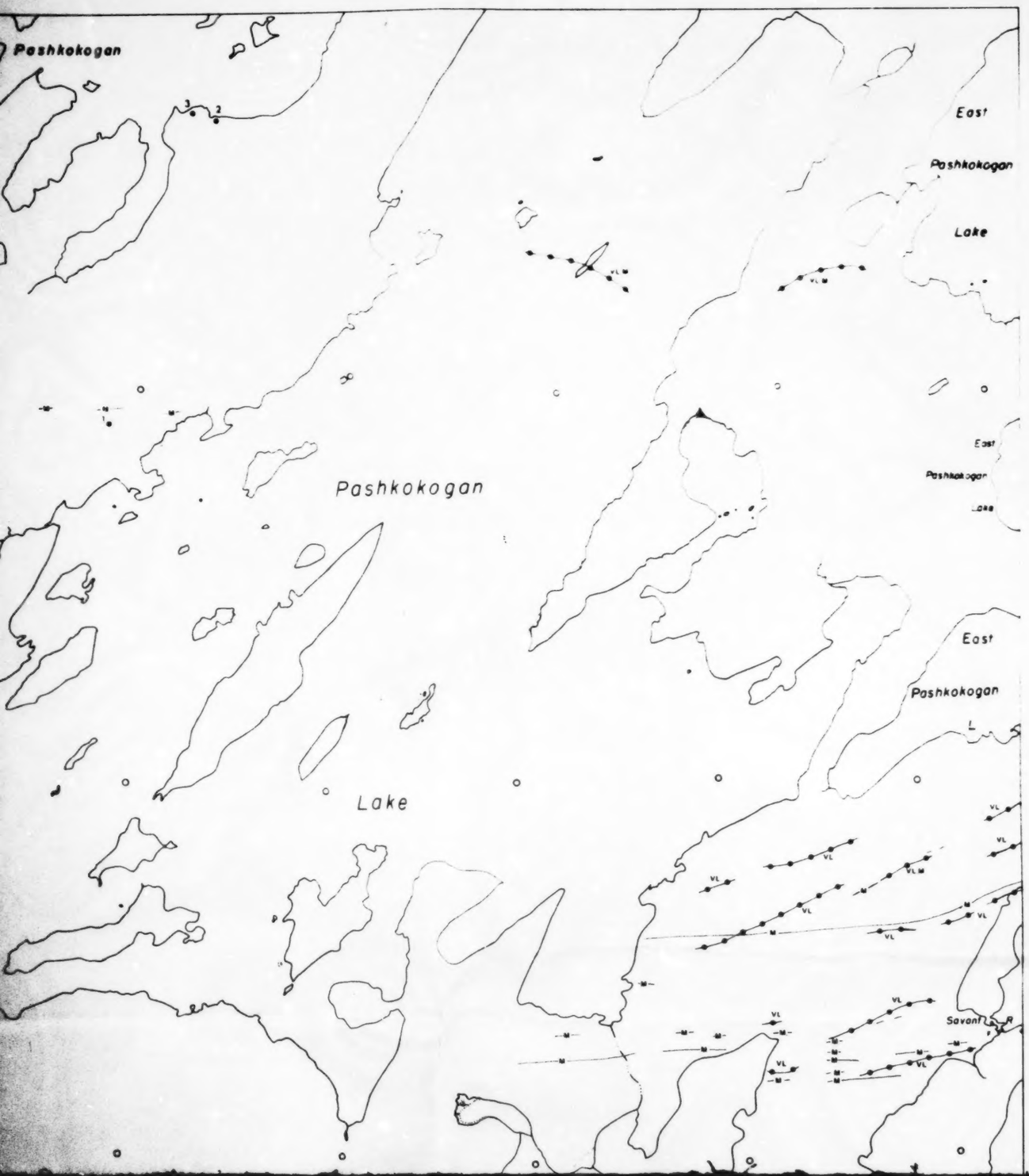
GEOLOGIC

PASHKOK

TYPES OF DATA

90° 15'

51° 00'



Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

Ministry of Northern Affairs

Hon. Leo Bernier
Minister

David Hobbs
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 21[illegible]

Map 2 - 2

PASHKOKOGAN LAKE AREA

DISTRICT OF THUNDER BAY

Scale 1:31,680

Miles 0.5 0 0.5 1 Miles

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

Mineral occurrence at surface, with reference letter

Conductor Axis: definite, probable, possible

ARA — Airborne Radiometric Anomaly

M — Ground Magnetometer Anomaly

VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)

RA — Ground Radiometric Anomaly

IP — Induced Polarization Anomaly

SP — Self Potential Anomaly

AFMAG — Audio-frequency magnetometer anomaly (total intensity)

R — Resistivity Anomaly

GR — Gravity Anomaly

MISCELLANEOUS DATA

Trenching, pit

Adit

Open pit

Rock quarry

Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Pashkokogan

Hamilton

Hamilton

McCrea

Lake

90° 15'

50° 52' 30"

90° 15'

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized Float with reference letter

DRILL HOLES

- ●² — Location of single drill hole, with reference number
- ◉² — Location of closely spaced group of drill holes, with reference number
- (?)² — Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- ○² — Property with drill holes which have not been plotted on map, with reference number
- ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number